



FIG. 1

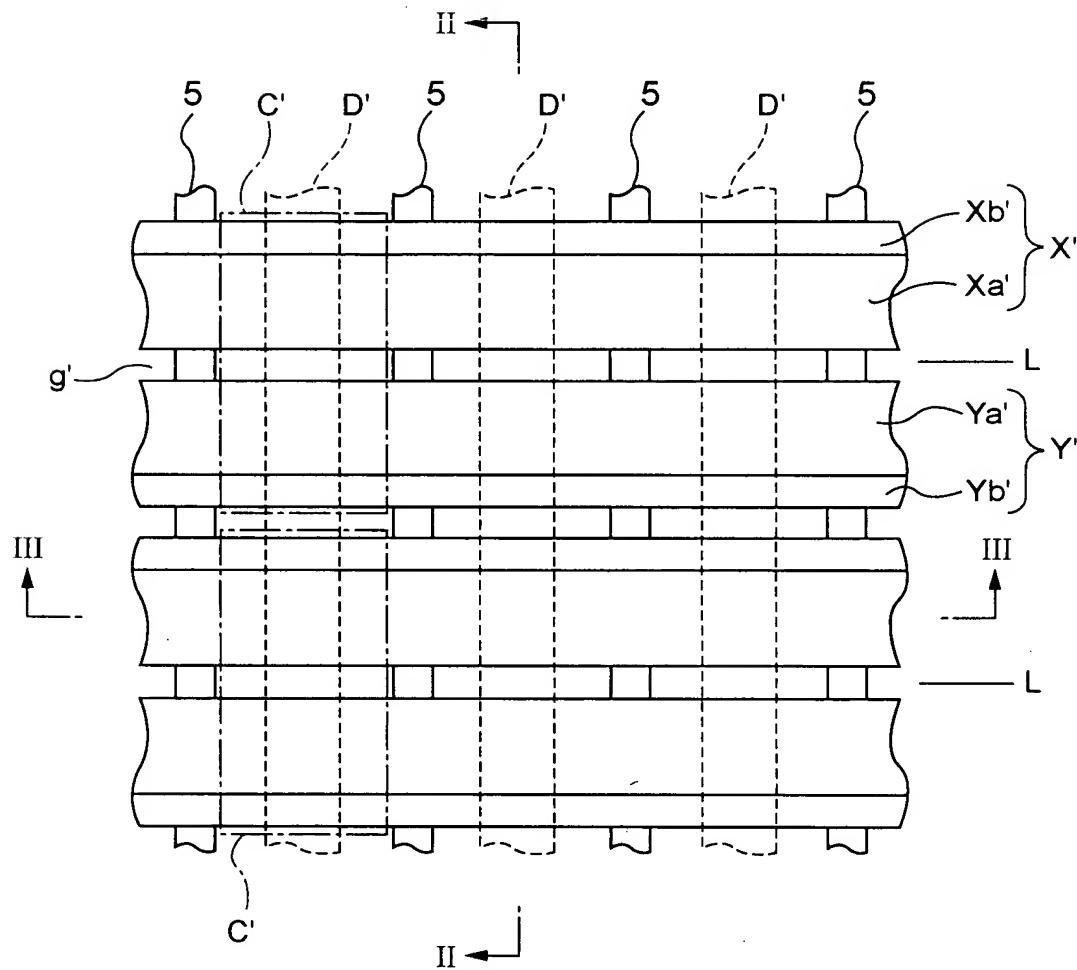


FIG. 2

II - II CROSS - SECTION

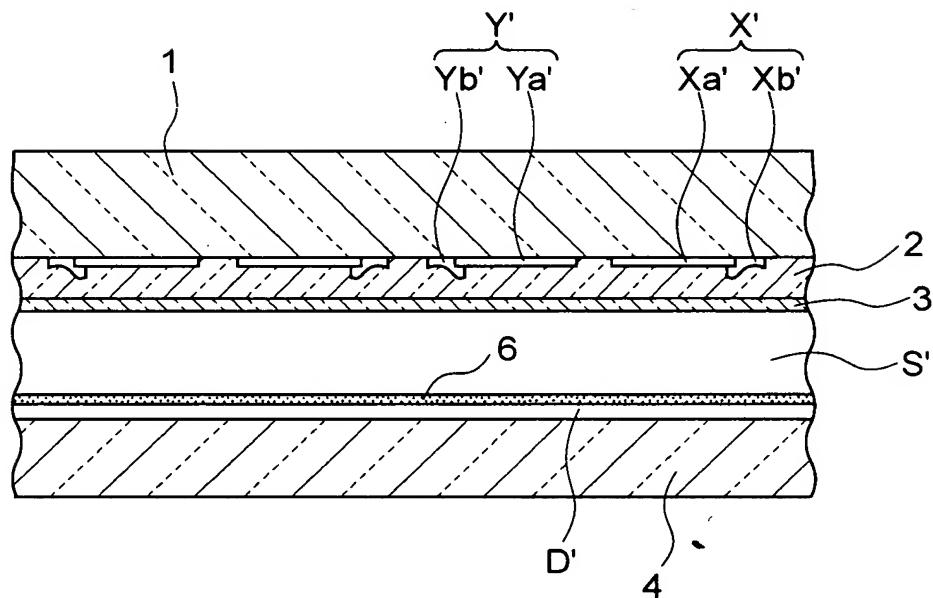


FIG. 3

III - III CROSS - SECTION

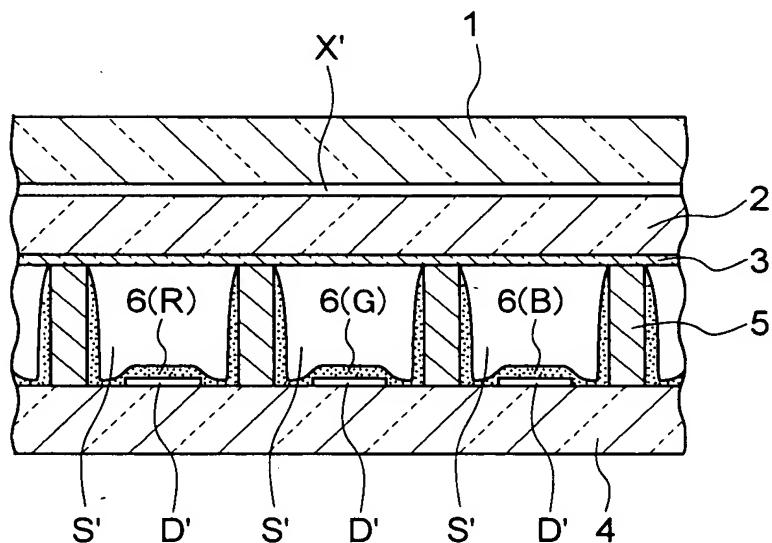


FIG. 4

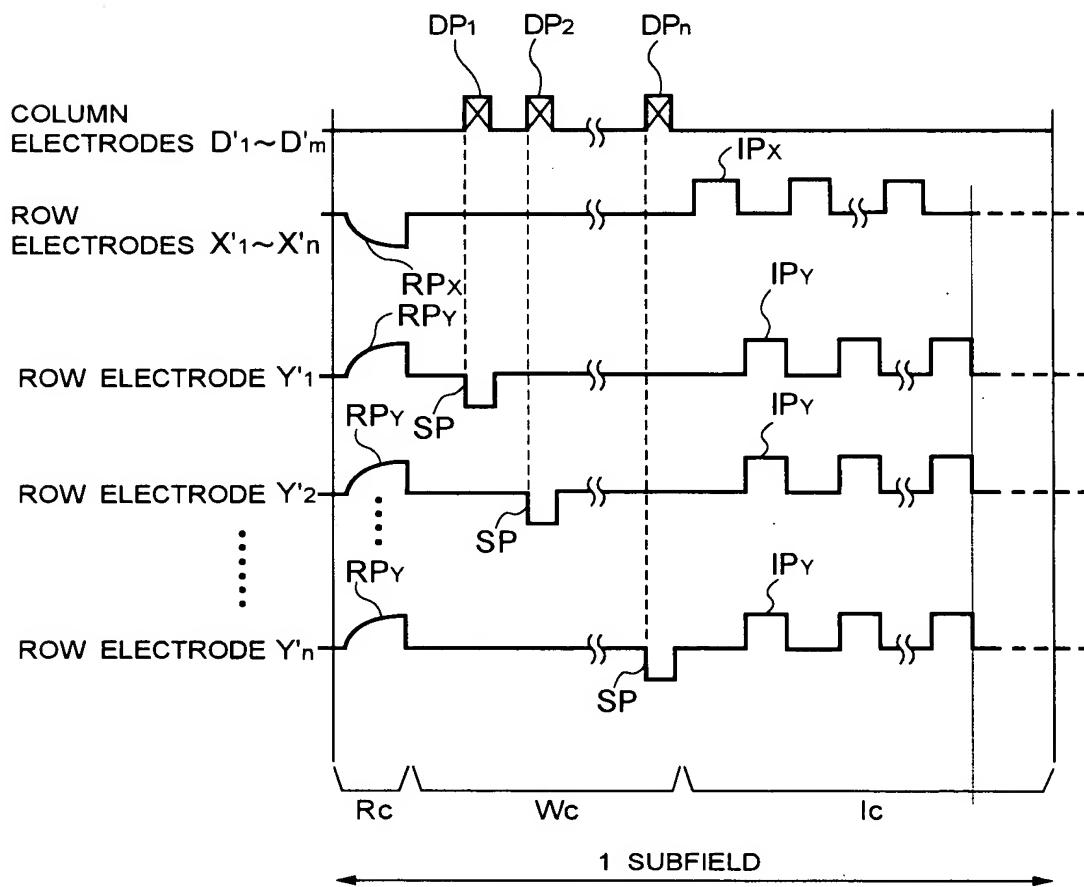


FIG. 5

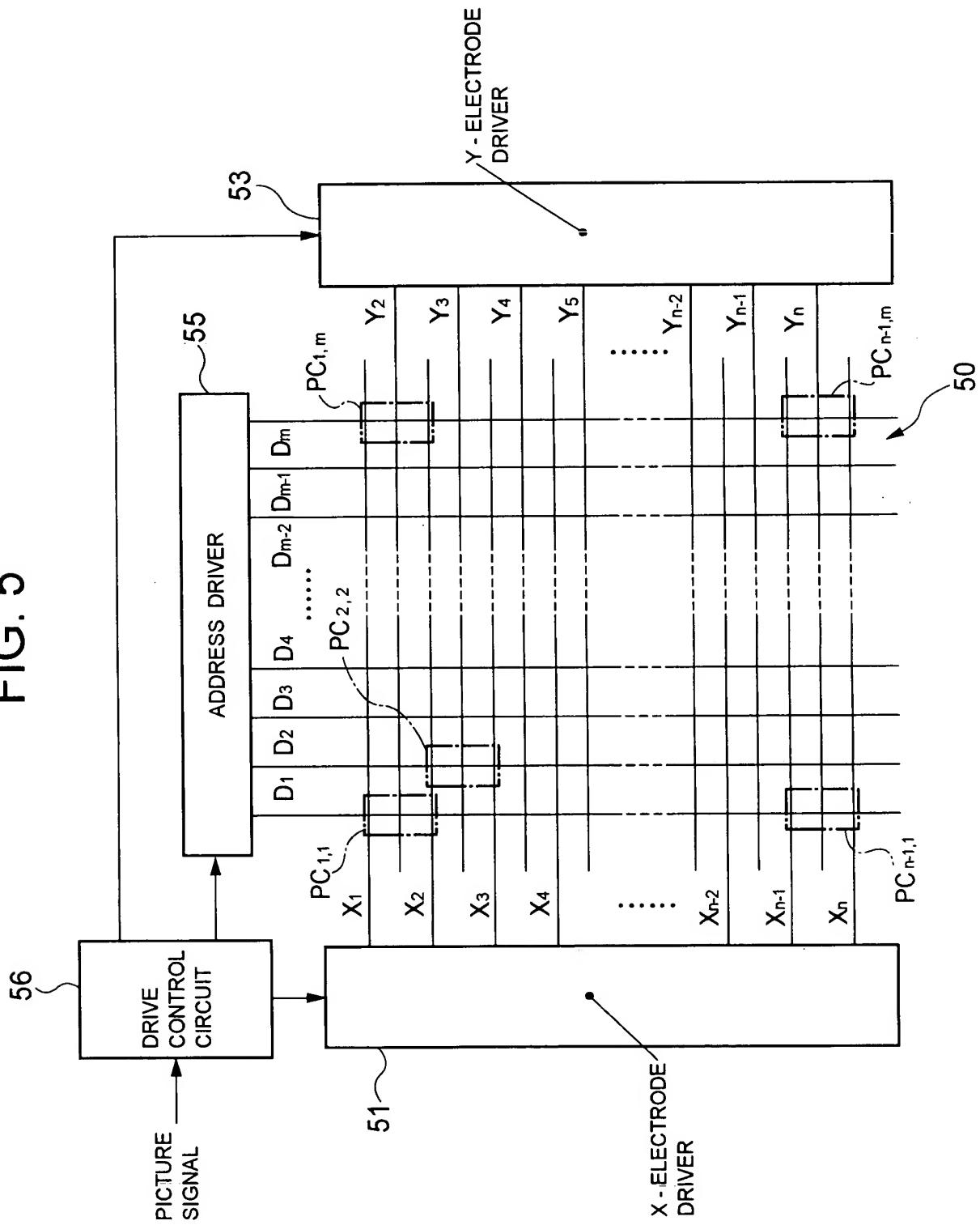


FIG.6

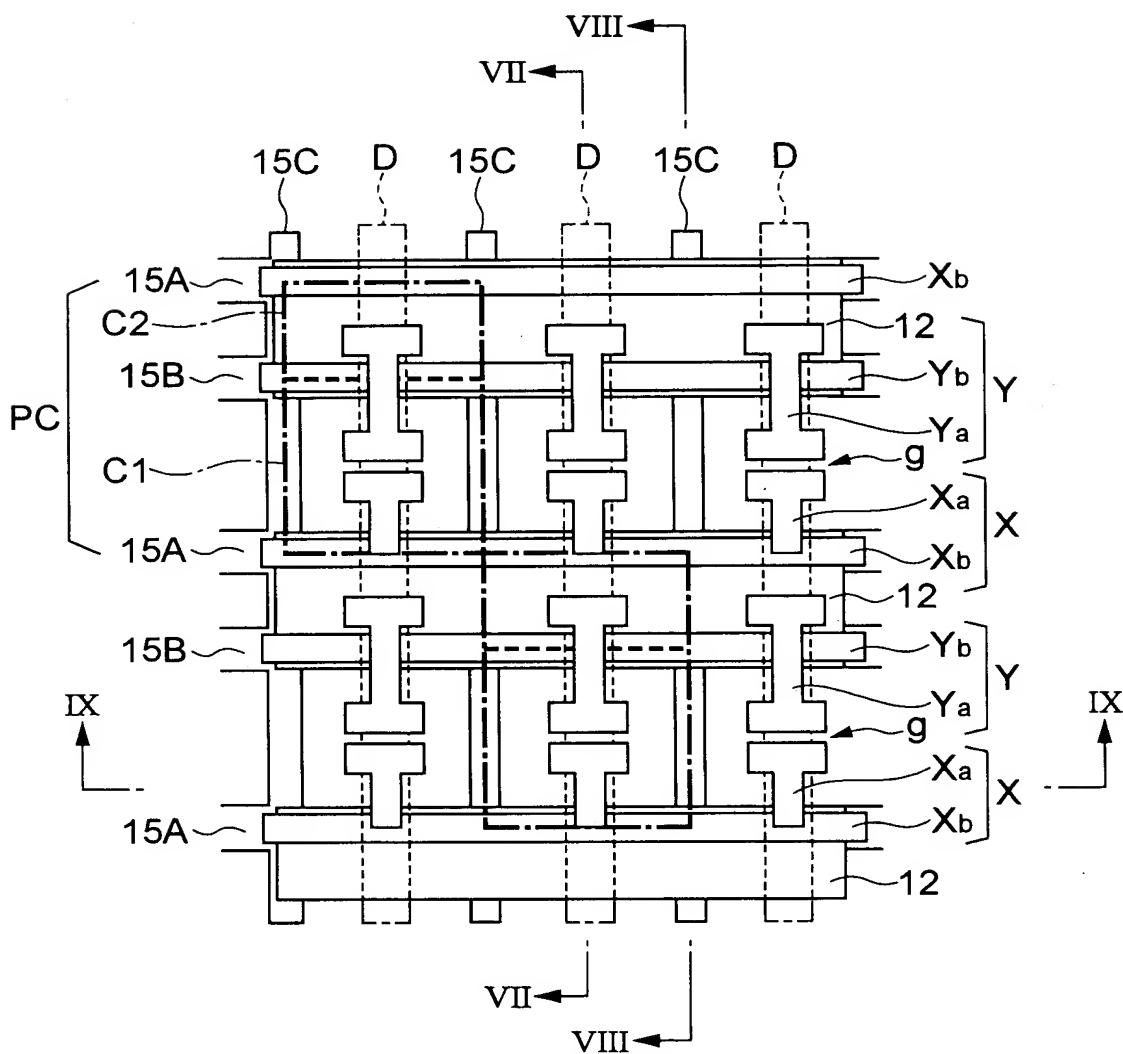


FIG.7

VII - VII

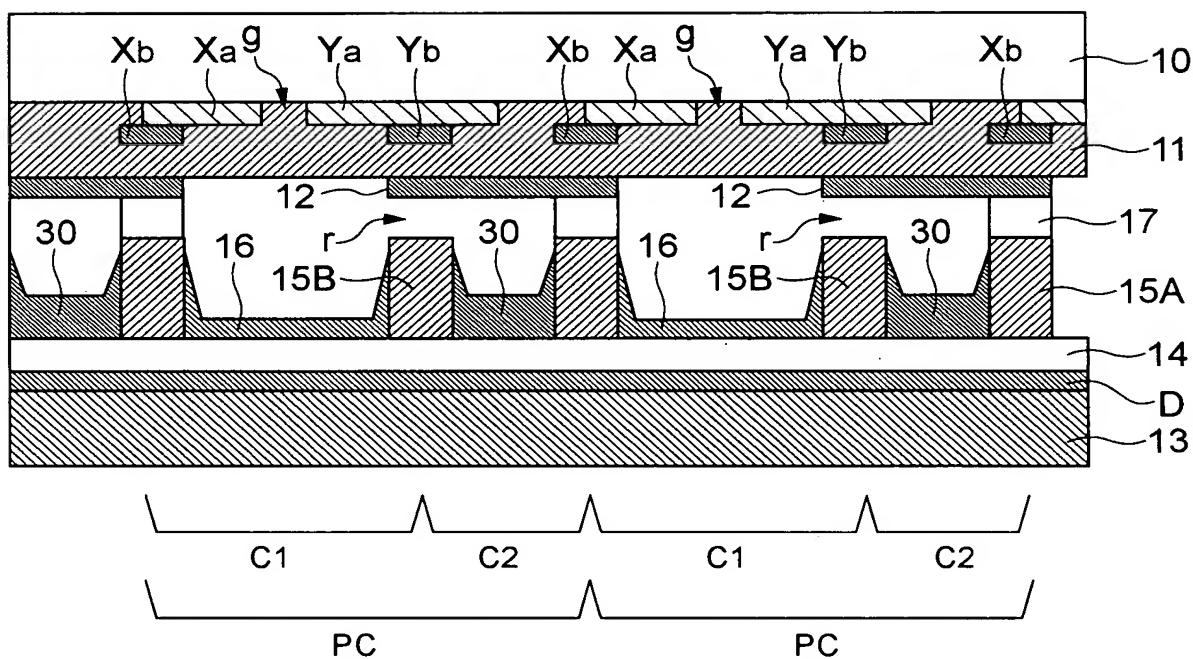


FIG. 8

VIII - VIII

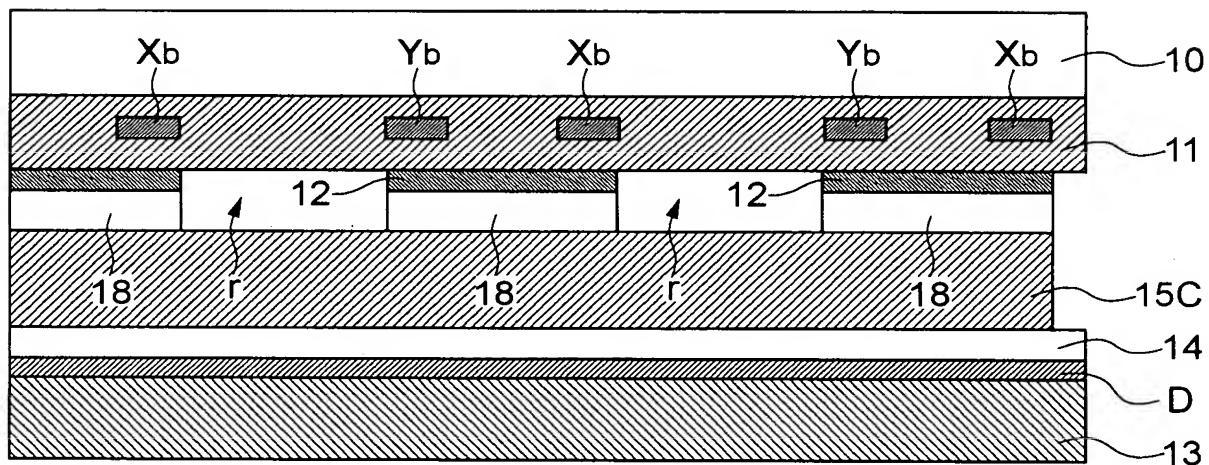


FIG. 9

IX - IX

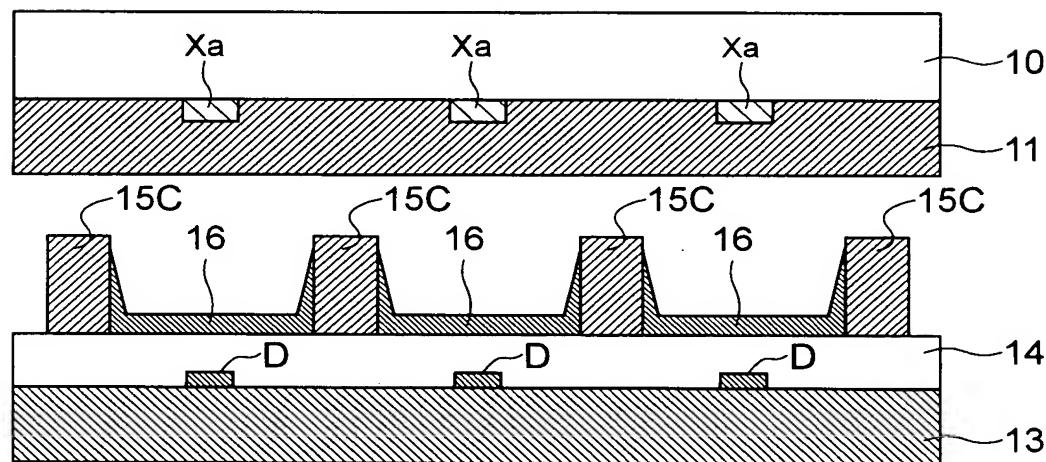


FIG. 10

Inventor's Name: Kazuo YAHAGI, et al
 Title: Display device and display panel drive method
 Appln No.: 10/743,867
 Filed: December 24, 2003
 Group Art Unit: 2879
 Ref No.: Q79008
 Tel No.: 202-293-7060

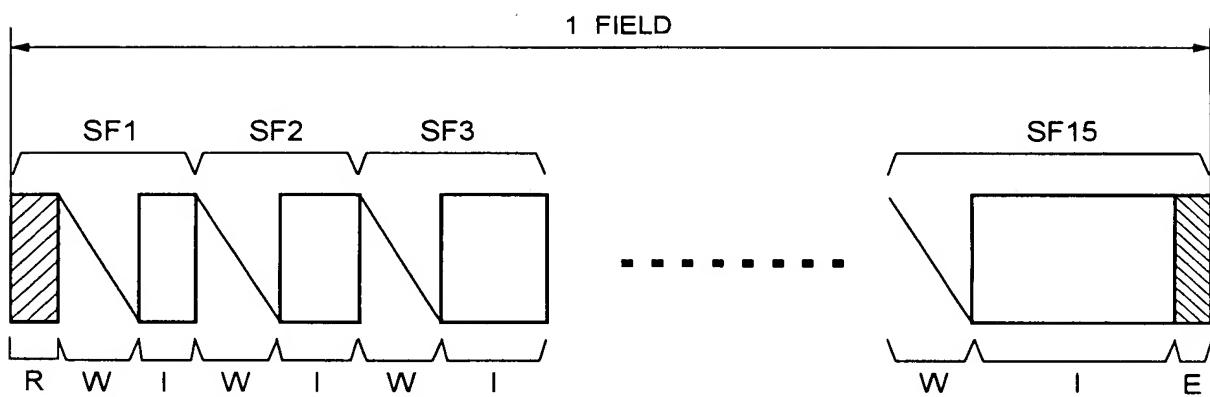
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GRAY SCALE DRIVE	CONVERSION TABLE															LIGHT EMISSION PATTERN														
	PDs		GD		SF											1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
FIRST	0000	1	0	0	0	0	0	0	0	0	0	0	0	0	0	●														
SECOND	0001	0	1	0	0	0	0	0	0	0	0	0	0	0	0	●														
THIRD	0010	0	0	1	0	0	0	0	0	0	0	0	0	0	0	●														
FOURTH	0011	0	0	0	1	0	0	0	0	0	0	0	0	0	0	●														
FIFTH	0100	0	0	0	0	1	0	0	0	0	0	0	0	0	0	●														
SIXTH	0101	0	0	0	0	0	1	0	0	0	0	0	0	0	0	●														
SEVENTH	0110	0	0	0	0	0	0	1	0	0	0	0	0	0	0	●														
EIGHTH	0111	0	0	0	0	0	0	1	0	0	0	0	0	0	0	●														
NINTH	1000	0	0	0	0	0	0	0	0	1	0	0	0	0	0	●														
TENTH	1001	0	0	0	0	0	0	0	0	0	1	0	0	0	0	●														
ELEVENTH	1010	0	0	0	0	0	0	0	0	0	0	1	0	0	0	●														
TWELFTH	1011	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	●													
THIRTEENTH	1100	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	●							
FOURTEENTH	1101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
FIFTEENTH	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	●	0	0	0	0	0	
SIXTEENTH	1111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

● : ERASURE ADDRESS DISCHARGE ○ : SUSTAIN DISCHARGE LIGHT EMISSION

FIG. 11



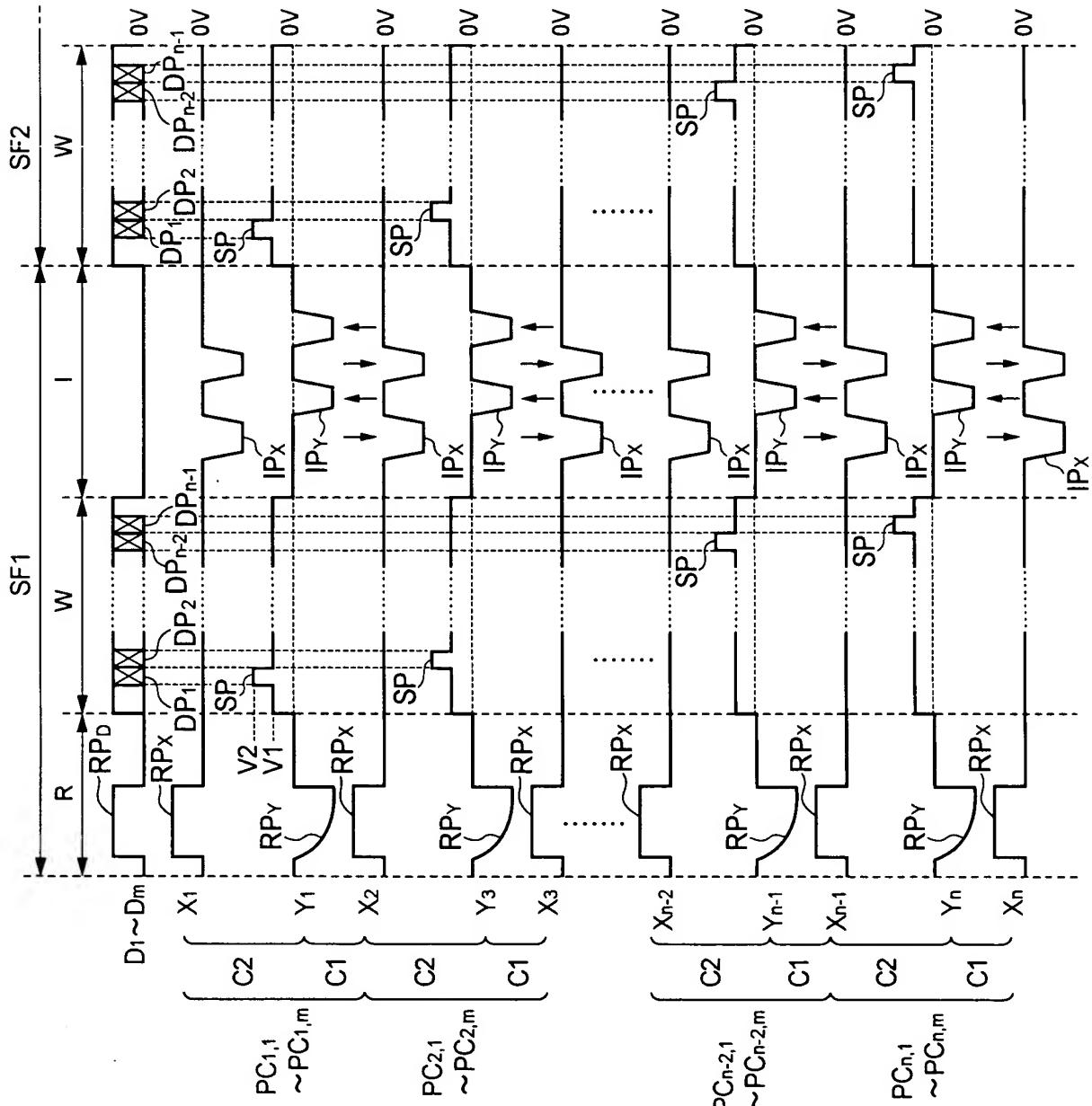


FIG. 12

FIG. 13

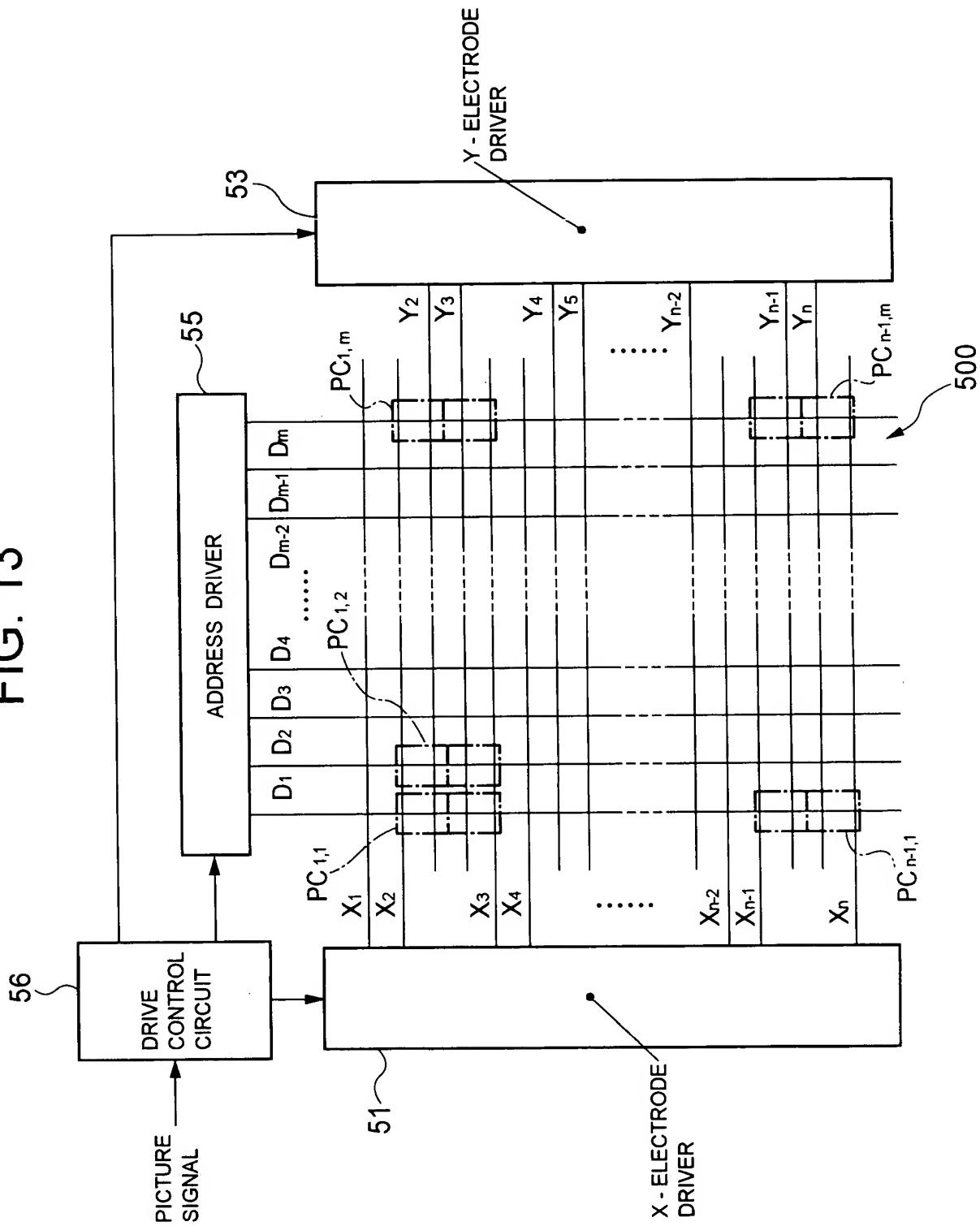


FIG. 14

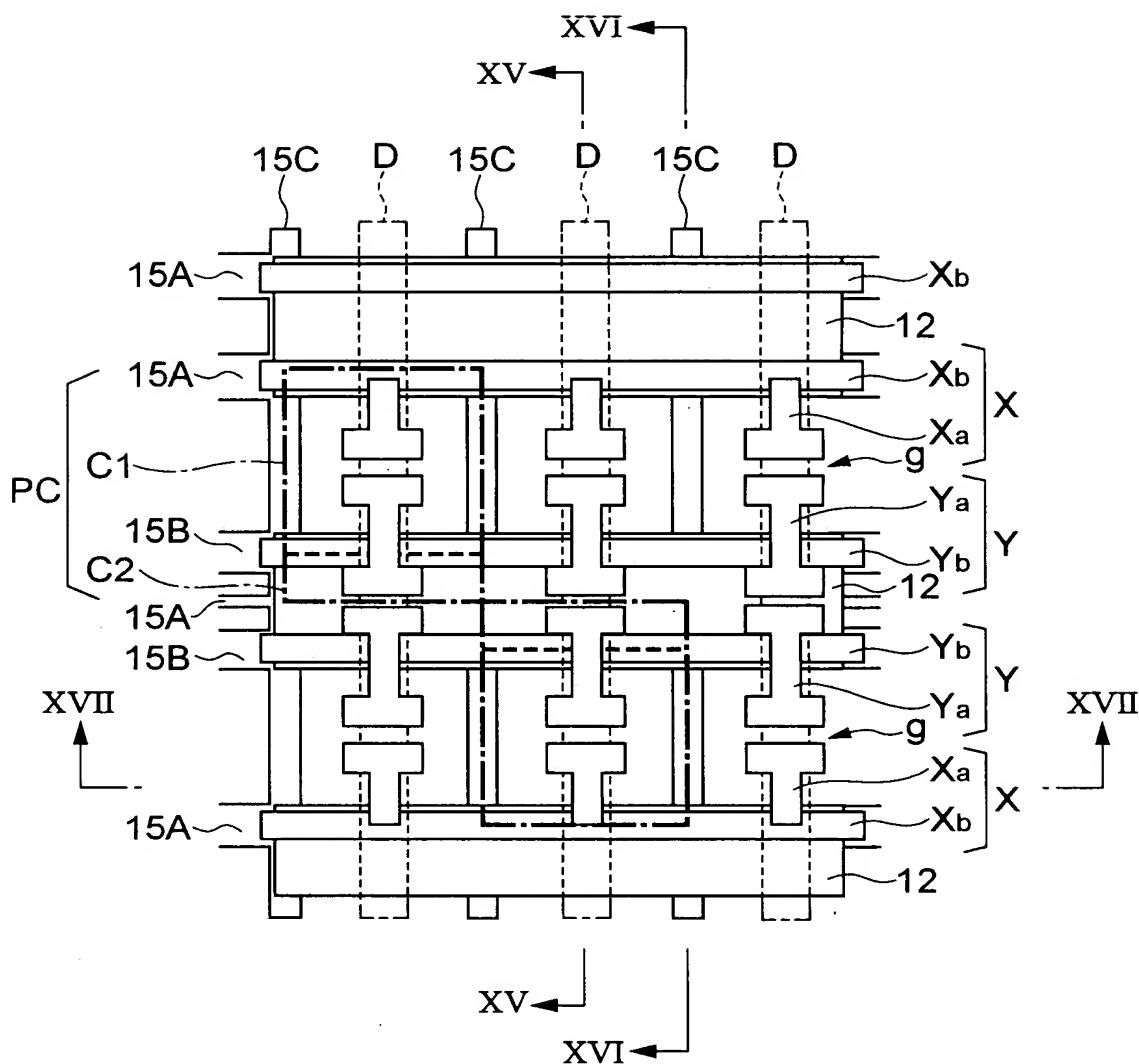


FIG.15

XV - XV

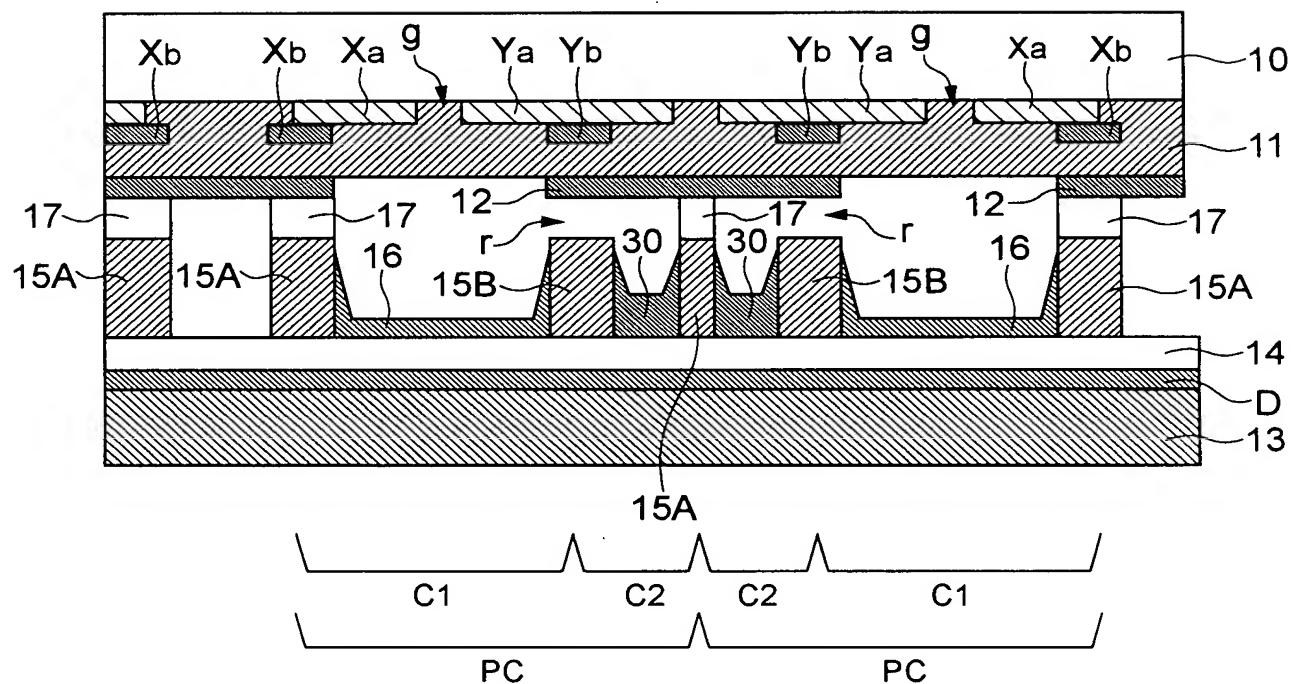


FIG. 16

XVI - XVI

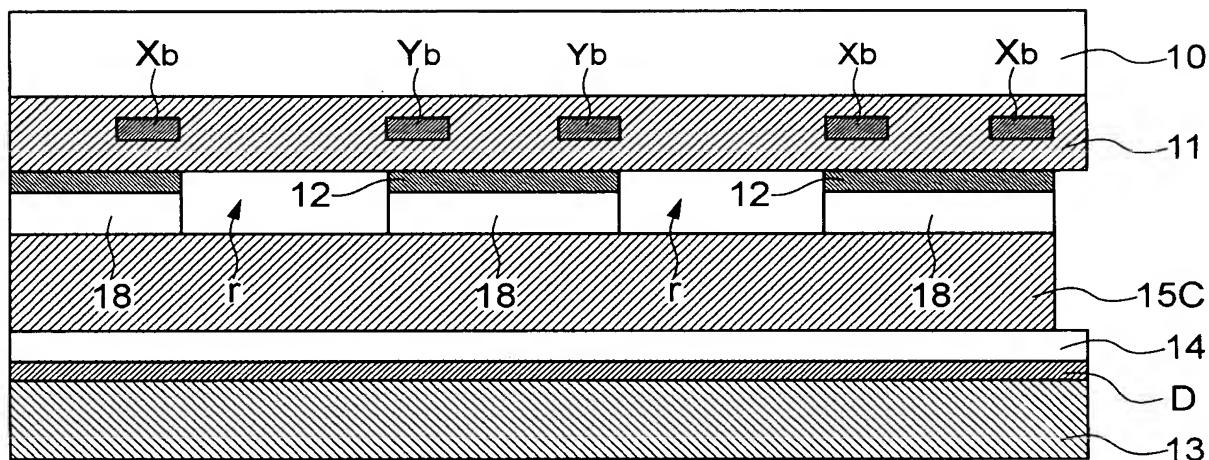
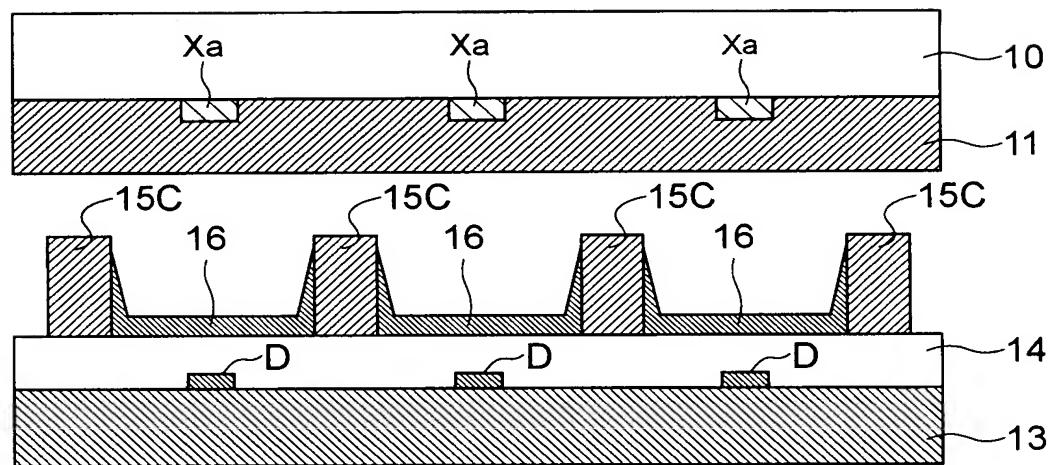


FIG. 17

XVII - XVII



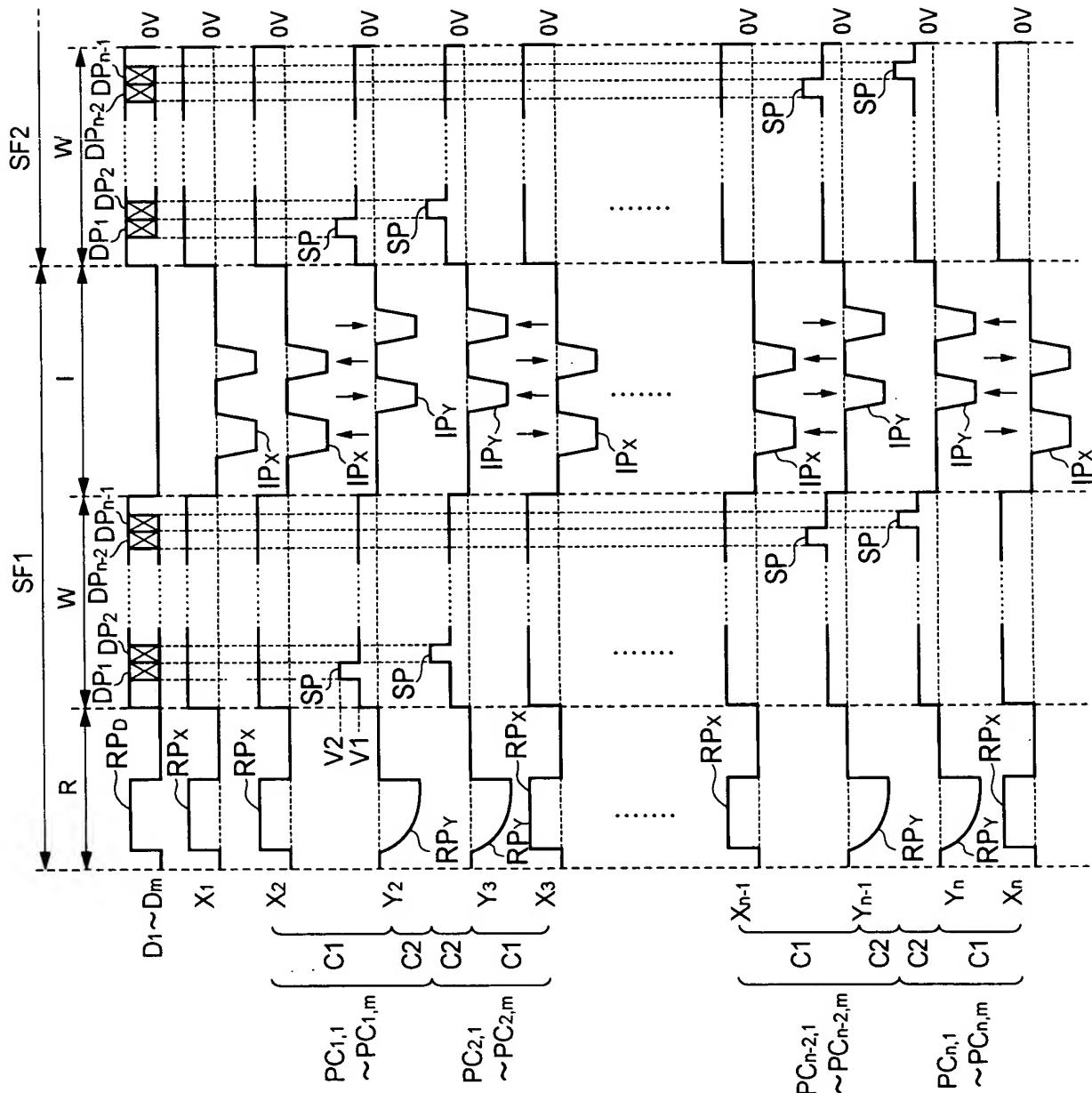


FIG. 18

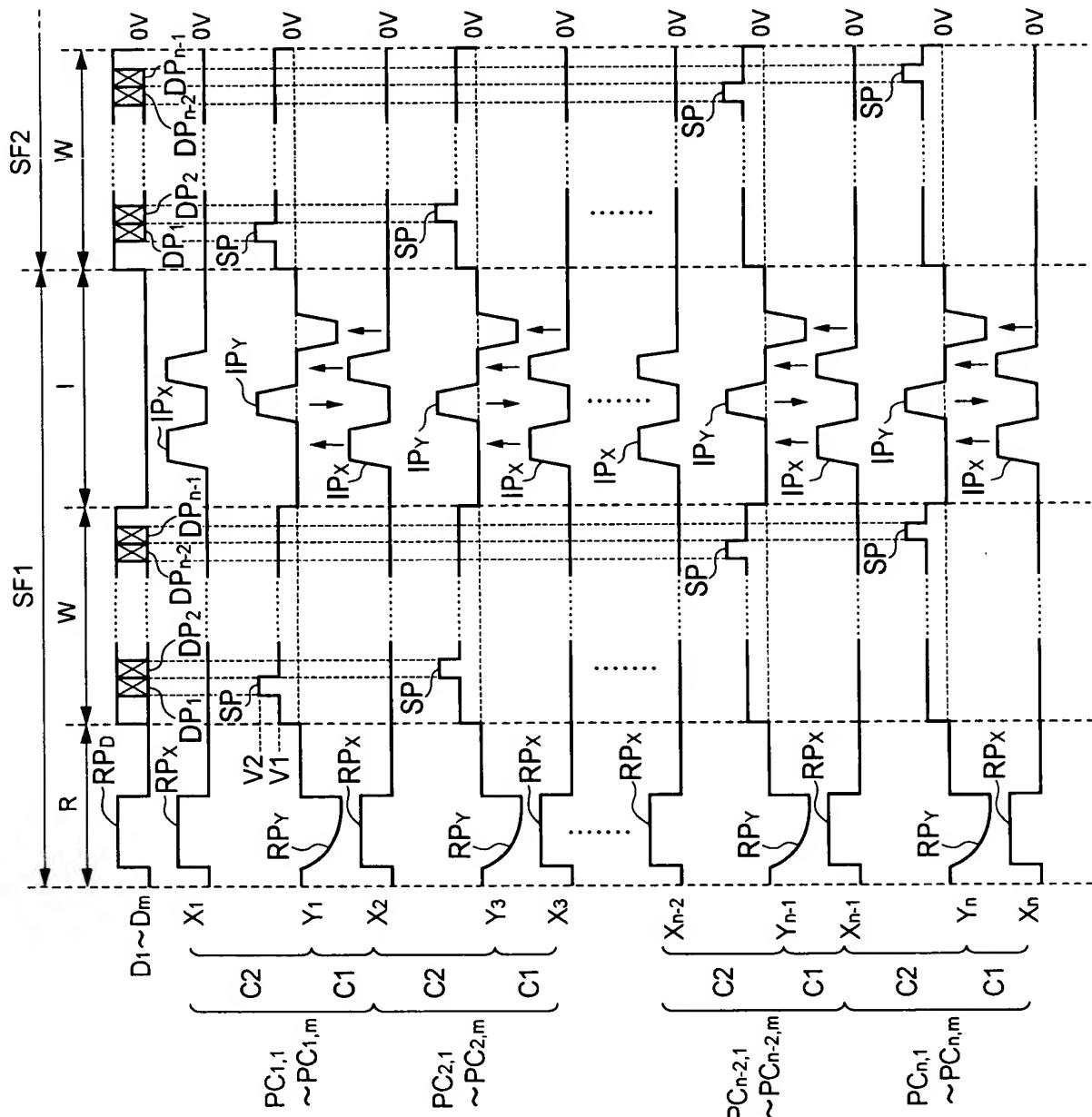


FIG. 19